

In the Claims:

Please amend claims 16, 20, 22, 23, 26, 28, 32, 34 and 38, and please add claims 41-53, as indicated below.

1. - 15. (Canceled)

16. (Currently amended) A computer, comprising:

a platform independent language application configured to run on the computer;

a first mediation module linked to the platform independent language application;

a native language application configured to execute in a native language of a processor of the computer; and

a second mediation module linked to the native language application;

wherein the first mediation module is configured to communicate with the second mediation module to provide communications between the platform independent language application and the native language application;

wherein in response to receiving a function call from the native language application, the second mediation module is configured to communicate the function call to the first mediation module; and

wherein the first mediation module is configured to pass the function call to the platform independent language application.

17. (Previously presented) The computer as recited in claim 16,

wherein in response to receiving a function call from the platform independent language application, the first mediation module is configured to communicate the function call to the second mediation module; and

wherein the second mediation module is configured to pass the function call to the native language application.

18. (Previously presented) The computer as recited in claim 17, wherein the second mediation module is configured to translate the function call and associated parameters into a format suitable for the native language application.

19. (Previously presented) The computer as recited in claim 17, wherein the first mediation module is configured to communicate the function call and associated parameters to the second mediation module in a stream protocol format.

20. (Currently amended) The computer as recited in claim 17,

wherein the native language application is configured to perform the function call and provide corresponding results to the second mediation module;

wherein the second mediation module is configured to communicate the results to the first ~~communication~~ mediation module; and

wherein the first ~~communication~~ mediation module is configured to pass the results to the platform independent language application.

21. (Previously presented) The computer as recited in claim 20, wherein the first mediation module is configured to translate the results into a format suitable for the platform independent language application.

22. (Currently amended) The computer as recited in claim 20, wherein the second mediation module is configured to communicate the results to the ~~second~~ first mediation module in a stream protocol format.

23. (Currently amended) The computer as recited in claim 16, wherein the first mediation module and the second mediation module are configured to communicate with each other one or more of function calls, function parameters, function results, and event notifications.

24. (Previously presented) The computer as recited in claim 16, wherein the platform independent language application is configured to launch the native language application.

25. (Previously presented) The computer as recited in claim 24, wherein to launch the native language application, the platform independent language application is configured to cause the first mediation module to issue a command that causes an operating system to launch an instance of the second mediation module and the native language application.

26. (Currently amended) The computer as recited in claim 16, further comprising a plurality of native language applications each linked to a corresponding one of a plurality of second mediation modules, wherein the platform independent language application is configured to pass function calls to each of the plurality of native language applications through one of a plurality of the first mediation modules and one of the second mediation modules corresponding to the native language application to which a particular function call is being passed.

27. (Previously presented) The computer as recited in claim 16, wherein the platform independent language is Java.

28. (Previously presented) A method, comprising:

running a platform independent language application on a computer;

linking a first mediation module to the platform independent language application;

executing a native language application on a processor of the computer; and

linking a second mediation module linked to the native language application;

the first mediation module communicating with the second mediation module to pass communications between the platform independent language application and the native language application;

wherein the second mediation module communicating with the first mediation module comprises:

in response to receiving a function call from the native language application, the second mediation module communicating the function call to the first mediation module; and

the first mediation module passing the function call to the native language application.

29. (Previously presented) The method as recited in claim 28, wherein the first mediation module communicating with the second mediation module comprises:

in response to receiving a function call from the platform independent language application, the first mediation module communicating the function call to the second mediation module; and

the second mediation module passing the function call to the native language application.

30. (Previously presented) The method as recited in claim 29, further comprising the second mediation module translating the function call and associated parameters into a format suitable for the native language application.

31. (Previously presented) The method as recited in claim 29, wherein the first mediation module communicating the function call to the second mediation module comprises the first mediation module communicating the function call and associated parameters to the second mediation module in a stream protocol format.

32. (Currently amended) The method as recited in claim 29, further comprising:

the native language application performing the function call and providing corresponding results to the second mediation module;

the second mediation module communicating the results to the first ~~communication~~ mediation module; and

the first ~~communication~~ mediation module passing the results to the platform independent language application.

33. (Previously presented) The method as recited in claim 32, further comprising the first mediation module translating the results into a format suitable for the platform independent language application.

34. (Currently amended) The method as recited in claim 32, wherein the second mediation module communicating the results to the first ~~communication~~ mediation module comprises the second mediation module communicating the results to the ~~second~~ first mediation module in a stream protocol format.

35. (Previously presented) The method as recited in claim 28, wherein the first mediation module communicating with the second mediation module comprises the first mediation module and the second mediation module communicating with each other one or more of function calls, function parameters, function results, and event notifications.

36. (Previously presented) The method as recited in claim 28, further comprising the platform independent language application launching the native language application.

37. (Previously presented) The method as recited in claim 36, wherein said launching the native language application comprises the first mediation module issuing a command that causes an operating system to launch an instance of the second mediation module and the native language application.

38. (Currently amended) The method as recited in claim 28, further comprising:

executing a plurality of native language applications each linked to a corresponding one of a plurality of second mediation modules;

the platform independent language application passing function calls to each of the plurality of native language applications through one of a plurality of the first mediation modules and one of the second mediation modules corresponding to the native language application to which a particular function call is being passed.

39. (Previously presented) The method as recited in claim 28, wherein the platform independent language is Java.

40. (Previously presented) A method, comprising:

a platform independent language application running on a computer initiating an instance of a native language application and a mediation module, wherein the native language application executes in a native language of a processor of the computer;

the platform independent language application communicating with the native language application through the mediation module.

41. (New) The computer as recited in claim 16, wherein the first mediation module is configured to translate the function call and associated parameters into a format suitable for the platform independent language application.

42. (New) The computer as recited in claim 16, wherein the second mediation module is configured to communicate the function call and associated parameters to the first mediation module in a stream protocol format.

43. (New) The computer as recited in claim 17,

wherein the platform independent language application is configured to perform the function call and provide corresponding results to the first mediation module;

wherein the first mediation module is configured to communicate the results to the second mediation module; and

wherein the second mediation module is configured to pass the results to the native language application.

44. (New) The computer as recited in claim 43, wherein the second mediation module is configured to translate the results into a format suitable for the native language application.

45. (New) The computer as recited in claim 43, wherein the first mediation module is configured to communicate the results to the second mediation module in a stream protocol format.

46. (New) The computer as recited in claim 16, further comprising a plurality of platform independent language applications each linked to a corresponding one of a plurality of first mediation modules, wherein the native language application is configured to pass function calls to each of the plurality of platform independent language applications through one of a plurality of second mediation modules and one of the first mediation modules corresponding to the platform independent language application to which a particular function call is being passed.

47. (New) The method as recited in claim 28, further comprising the first mediation module translating the function call and associated parameters into a format suitable for the platform independent language application.

48. (New) The method as recited in claim 28, wherein the second mediation module communicating the function call to the first mediation module comprises the second mediation module communicating the function call and associated parameters to the first mediation module in a stream protocol format.

49. (New) The method as recited in claim 28, further comprising:

the platform independent language application performing the function call and providing corresponding results to the first mediation module;

the first mediation module communicating the results to the second mediation module; and

the second mediation module passing the results to the native language application.

50. (New) The method as recited in claim 49, further comprising the second mediation module translating the results into a format suitable for the native language application.

51. (New) The method as recited in claim 49, wherein the first mediation module communicating the results to the second mediation module comprises the first mediation module communicating the results to the second mediation module in a stream protocol format.

52. (New) The method as recited in claim 28, wherein the second mediation module communicating with the first mediation module comprises the second mediation module and the first mediation module communicating with each other one or more of function calls, function parameters, function results, and event notifications.

53. (New) The method as recited in claim 28, further comprising:

executing a plurality of platform independent language applications each linked to a corresponding one of a plurality of first mediation modules;

the native language application passing function calls to each of the plurality of platform independent language applications through one of a plurality of second mediation modules and one of the first mediation modules corresponding to the platform independent language application to which a particular function call is being passed.